BIOLOGY

BOOKS - VGS PUBLICATION-BRILLIANT

MODEL PAPER 08

Section A

1. What is meant by chloride shift?

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2. Distinguish between the enzymes renin and rennin.

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3. Name the ear ossicles and their evolutionary origin in human beings.

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4. Why the sympathetic division is called thoraco-lumbar division?

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5. Distinguish between diabetes insipidus and diabetes mellitus.

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6. Differentiate between Perforins and Granzymes.

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7. Name the yellow mass of cells accumulated in the empty follicle after ovulation. Name the hormone secreted by it and what is its function ?

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8. What is 'amniocentesis' ? Name any two disorders that can be detected by amniocentesis.

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9. Explain the term hypophysation

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10. Define the term 'vaccine'.

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Section B

1. Draw a neat labelled diagram of LS of tooth.

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2. Describe disorders of respiratory system.

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3. Give an account of Synaptic transmission.

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4. Explain how hypothyroidism, and hyperthyroidism can affect the body.

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5. What is erythroblastosis foetalis?

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6. Explain Darwin's theory of Natural Selection with industrial melanism as an experimental proof.

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7. What is meant by genetic drift ? Explain genetic drift citing the example of Founder Effect.

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8. Honey bees are economically important - justify.

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Section C

1. Describe the structure of the heart of man with the help of neat labelled diagram.

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2. What are multiple alleles Describe multiple alleles with the help of ABO blood groups in man.

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